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ENGLISH ABSTRACT

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Title **METHOD OF TRANSMISSION OF DATA PACKS IN GENERAL- PURPOSE COMMUNICATION CHANNEL AND CONTROL DEVICE**

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ABSTRACT:

FIELD: communication, applicable in radio communication networks with pack switching. SUBSTANCE: after check-out of condition of general-purpose communication channel data pack priority pulses are formed at duration $\Delta_{T_{j1}}$, where $l \in (1, 2, \dots, L)$, l - number of data pack priority, L - number of the lowest data pack priority, and j - number of pack radio communication installation, $\Delta_{T_{j1}} > \dots > \Delta_{T_{jL}}$ and $0 < T_{j1} < T$, where T - duration of operating cycle of communication channel, at the same time a random pulse with a duration of Δ_{t_c} is generated with equiprobable law of its distribution in time interval $]0, T[$, and if condition $\Delta_{t_c} \in]0, T[$ is fulfilled, an enabling signal is generated, otherwise the actions in formation of enabling signal are repeated in the next clock of operation of communication channel. EFFECT: enhanced capacity of general-purpose communication channel at transmission of data packs with different categories of urgency in conditions of high information load. 4 cl, 14 dwg